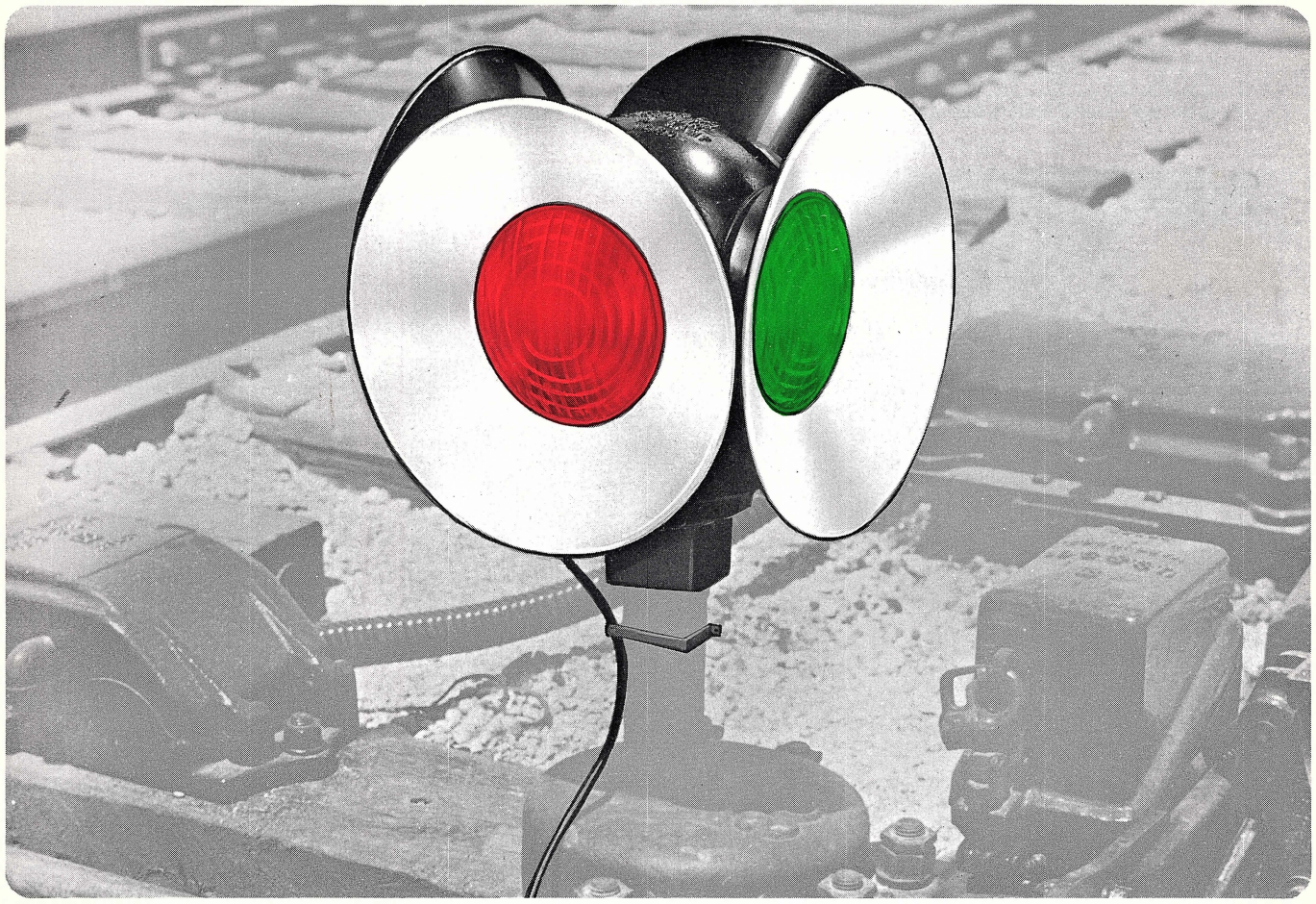
25 ELECTRIC SWITCH LAMPS AND BATTERY BOX

WRRS ELECTRIC SWITCH LAMPS REDUCE SWITCH LIGHTING COST 50%



Available for Operation from Commercial Current or Primary Battery

Change over to Western Electric Switch Lamps today. Savings will amortize cost in two years.

Two Types of Switch Lamps available:

Type 1880
(Illustrated Above)

Type 1870
(Illustrated on Pages 2, 3 and 4)

Here are the reasons scores of railroads are standardizing on Western Electric Switch Lamps:

- Heavy cast iron construction designed to last a lifetime.
- Steady, clear light—brighter than oil lamp light.
- Theftproof—no loss of bulbs through theft—can be opened only with AAR, Signal Section, socket wrench.
- Safe—no inflammable kerosene to handle.
- Eliminates chance for error in changing lenses, as red and green lenses are different in size, Type 1870 only.

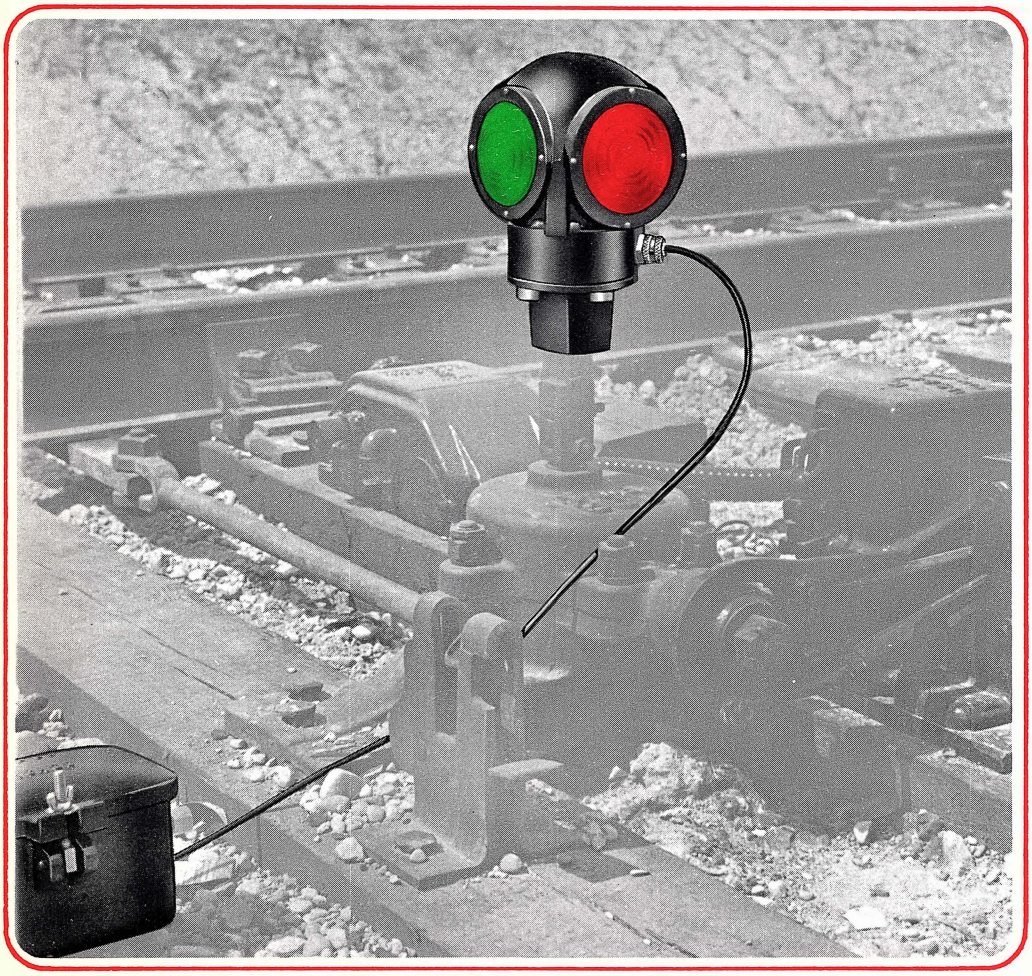
WESTERN RAILROAD SUPPLY COMPANY
Division of Western Industries, Inc.
General Offices and Factory
2742 West 36th Place, Chicago, Illinois 60632

Western Switch Lamps are furnished in two sizes for operation with air-depolarized primary battery or with commercial current

STANDARD LENS COMBINATIONS

LAMP TYPE:	LENS DESCRIPTION:	COLOR:
1870	**GLASS ONLY** 4½″ dia., 3″ F., 5° hor. sp., 2½° V. sp., 10° up. def. 4⅛″ dia., 2¾″ F., 5° hor. sp., 2½° V. sp., 10° up. def.	2-Red 2-Green
1880	**GLASS OR PLASTIC** 5⅜″ dia., 3½″ F., 30° hor. sp., 10° up. def.	2-Red 2-Green

Lenses in yellow, purple and lunar white available upon request.



WRRS Electric Switch Lamp Type 1870 (shown on left) is regularly fitted with electric type lenses having 5° horizontal 2½° vertical spread.

For special locations where a greater width of beam is required (at curves and in yards, for instance) the use of lenses having 30° horizontal spread is recommended. Such lenses can be used on Switch Lamps 1870 and 1880.

IMPORTANT:

Please note that the Switch Lamps shown in this brochure have now been redesigned to include: Cast Aluminum Housing, Base, and Base Socket.

Type 1880-A . . . 43% Less Weight
Type 1870-A . . . 47% Less Weight

FEATURES (Applicable to all Types)

- Heavy cast iron construction.
- Single contact or double contact bayonet candelabra base or medium screw base lamp receptacle.
- With two or four day-indication targets, as specified.
- With or without stone guards.
- With or without bulbs.
- All lamps equipped with theft-resisting screw arrangements to prevent unauthorized opening of lamp or its removal from switch staff.
- Targets are porcelain enamel finish and are also available with Reflex Reflecting Sheet surfaces.

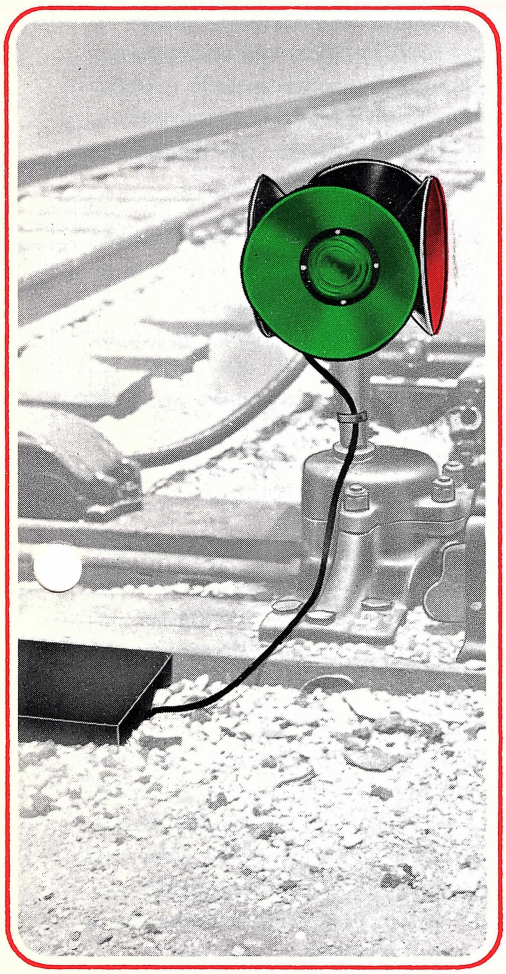
PLASTIC LENSES

Guaranteed Against Breakage for 1 Year! We can make this unprecedented guarantee because Western Plastic Lenses are practically unbreakable. They are molded in one piece of acrylic plastic. The colors and transmission values are accurate and uniform, will not fade or darken, and meet AAR requisites. They have proved excellent under all operating conditions; easy to clean and economical to maintain.

5⅜″ SWITCH LAMP LENSES, No. 1[illegible]21

Focus 3½″, horizontal spread 30°, upward deflection 10°. Available in red, yellow, green, purple, and lunar white. Can be used on electric or kerosene switch lamps. Specify color when ordering.

Western Gives You Two Complete Package Units...for operation with Air-Depolarized Primary Battery or for operation with Commercial Current



For Air-Depolarized Primary Battery:

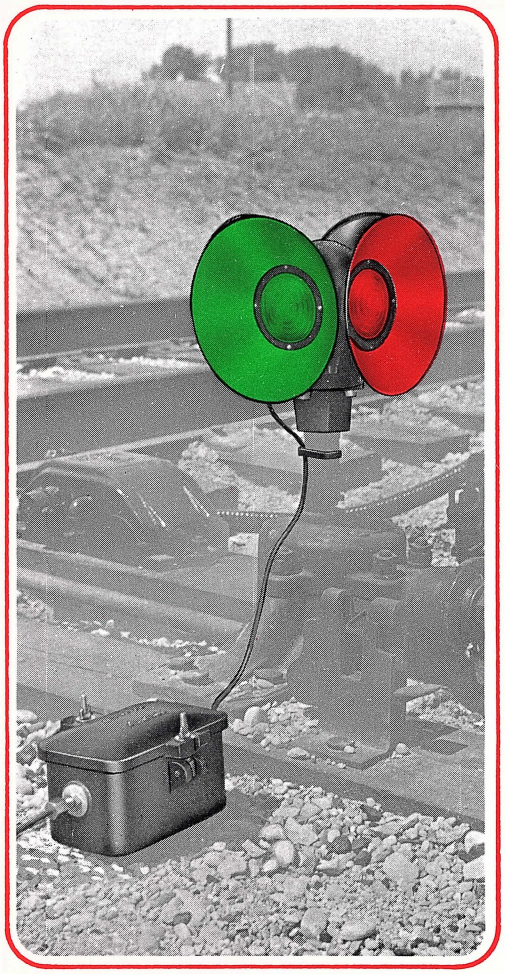
One WRRS Electric Switch Lamp complete with lenses and bulb (specify lens sizes and colors—also targets or stone guards; or both, if desired).

One No. 1245A-40P "Everlast" Battery Box, complete, includes:

a. Battery Box to accommodate any of the following: Two Carbone No. 500 cells, One Edison No. 2SJ1 or 2SL2 Carbonaire battery, one Eveready T-2600 or one Eveready CF212.

b. 4 to 15-feet of 2-conductor neoprene covered cable (as specified).

c. 3 cable clamps (for securing cable to switch stand staff).



For Commercial Current:

One Western Switch Lamp complete with lenses and bulb. (Specify type number, lens sizes and colors — also targets or stone guards, if desired.)

One WRRS underground cable terminal (Type 1183-50) in which transformer is housed, complete with 15-feet of 2-conductor neoprene covered cable and three cable clamps.

This transformer will operate 10-volt, 0.3 ampere lamps from 115-volt, 60 cycle source. One transformer will handle one, two, three or four lamps.

"EVERLAST" BATTERY BOX, Type 1245A-40P, made of reinforced fiberglass plastic, has had recent design improvements which include: 2 preformed ridges at base of box, which serve to elevate the battery from the box, thereby eliminating need for a wooden platform; cover held in position by two brass retaining studs, which allow cover to be removed when required. Stainless steel hasp now located on end of box. As ever, box is impervious to chemical attack, from ballast damage, assures long service life, and design permits adequate ventilation, yet sheds spray, sleet, snow and rain.

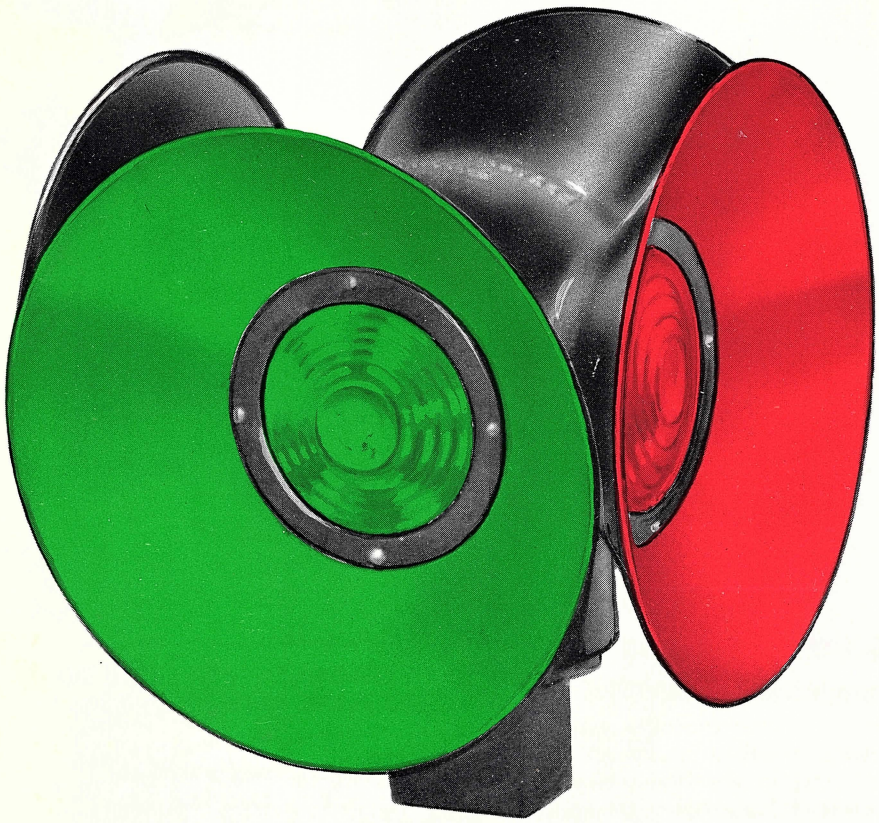
WESTERN RAILROAD SUPPLY COMPANY

Cut Switch Lighting Costs

50%

with New Western Switch Lamps

Savings from installation of new WRRS Electric Switch Lamps will pay for the entire cost of changeover in two years.



LOW MAINTENANCE COST—Your old oil switch lamps require one or two trips weekly for inspection, maintenance, or refilling. Multiply the number of oil switch lamps on your road by 50 to 100 maintenance calls and you come up with a heavy yearly labor cost. Maintenance costs on Western Electric Switch Lamps are negligible.

BRIGHTER LIGHT — Western Switch Lamps give more light. Furthermore, it is bright, steady light, far superior to the flickering, murky light cast by many oil lamps. No sooty deposits on lenses—no flickering. Western lamps cast a bright light straight down the right-of-way, with maximum visibility.

NO FIRE HAZARD — Western Switch Lamps eliminate the necessity for handling or storing inflammable kerosene—and do away with the danger of open flames at the switch stand location.

Numerous railroads have replaced some or all of their old oil switch lamps with new Western Switch Lamps. The best way to take full advantage of this cost-cutting system is to begin work now on a planned program of regular installations—by districts or divisions, or by yards or terminals.

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